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PATENT
TH2229 (US)
DFH:EM

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Donald F. Haas
Date: September 14, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)	
)	
PAUL M. AYOUB, STEVEN C. SUMROW,)	
HENK DIRKZWAGER, and)	
BRENDAN D. MURRAY)	
)	
Serial No. 10/772,023)	Group Art Unit: 1764
)	
Filed February 4, 2004)	
)	
METHODS OF PREPARING BRANCHED)	September 14, 2004
ALKYL AROMATIC HYDROCARBONS)	
)	

COMMISSIONER FOR PATENTS
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:
INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.56 AND 1.97

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Full text copies of the relevant documents are enclosed.

For the foreign language documents, an English language abstract is provided.

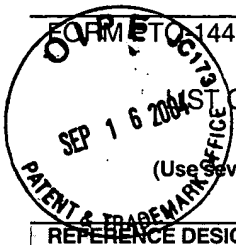
The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

Respectfully submitted,

PAUL M. AYOUB, STEVEN C. SUMROW,
HENK DIRKZWAGER, and
BRENDAN D. MURRAY

By
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PTO-1449 (Modified)

STATEMENT OF INFORMATION PROVIDED
BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.
TH2229 (US)APPLICATION NUMBER
10/772,023APPLICANT
P. M. Ayoub et al.FILING DATE
February 4, 2004GROUP ART UNIT
1764

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	6,515,169	2/4/03	Marinangeli et al.	562	93	
	AB	3,492,364	1/27/70	Jones et al.	260	671	
	AC	6,448,458	9/10/02	Marinangeli et al.	585	24	
	AD	6,392,109	5/21/02	O'Rear et al.	585	323	
	AE	3,442,965	5/6/69	Oldham	260	671	
	AF	3,238,249	3/1/66	Mirviss, et al.	260	505	
	AG	4,959,491	9/25/90	Threlkel	562	94	
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	02/44114 A1	6/6/02	World	C07C	15/00		X

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	
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FOREIGN SEARCH REPORT (IF IN ENGLISH) CITING ANY OF THE ABOVE REFERENCES

FOREIGN PATENT OFFICE

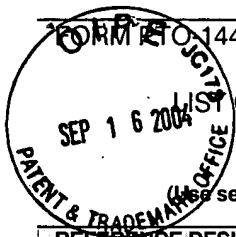
	AT	International Search Report for PCT/US2004/002954 of 20 August 2004
	AU	International Search Report for PCT/US2004/002958 of 23 July 2004
	AV	International Search Report for PCT/US2004/002888 of 19 July 2004

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.



PTO-1449 (Modified)

LIST OF INFORMATION PROVIDED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.
TH2229 (US)

APPLICATION NUMBER
10/772,023

APPLICANT
P. M. Ayoub et al.

FILING DATE
2/4/04

GROUP ART UNIT
1764

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	BA						
	BB						
	BC						
	BD						
	BE						
	BF						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	BL							
	BM							
	BN							
	BO							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	BR	
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FOREIGN SEARCH REPORT (IF IN ENGLISH) CITING ANY OF THE ABOVE REFERENCES

FOREIGN PATENT OFFICE

	BT	International Search Report for PCT/US2004/003010 of 14 July 2004
	BU	International Search Report for PCT/US2004/003086 of 14 July 2004
	BV	International Search Report for PCT/US2004/003166 of 15 July 2004

EXAMINER

DATE CONSIDERED

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- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
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